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of the Geological Survey Director King prophesied for the United States a future annual output of mineral products having a value of a billion dollars, and that the present production is two and one half times that amount, it must be conceded that the desirability of the federal scientific investigations of these national resources is even greater than in 1880. "It is a most conservative statement," Director Smith says, "that at no date has the general public been in closer touch with the United States Geological Survey or made larger use of the published or unpublished results of its surveys and investigations than at the present time."

UNIVERSITY AND EDUCATIONAL NEWS

A BEQUEST of \$3,000,000 to Oberlin College by Charles M. Hall, the distinguished electro-chemist and manufacturer of aluminum, is announced. The bequest is in the form of \$2,000,000 endowment to be used for any purpose, \$500,000 to be used to build an auditorium, \$100,000 for the auditorium's maintenance, \$200,000 to be spent for campus improvements; all property in Oberlin owned by Dr. Hall, and a valuable art collection.

THE will of Miss Grace Hoadley Dodge, for many years known for her educational and philanthropic activities in New York City, contains bequests of \$1,400,000 for educational and charitable purposes, as well as a number of deferred bequests of the same character. The sum of \$500,000 is bequeathed to Teachers College, Columbia University, in the founding and conduct of which she took an active part. The college will receive two deferred bequests, one of which may be large. To the National Board of the Y. W. C. A. the sum of \$500,000 is left, and to the Y. W. C. A. of New York City, \$200,000.

At the meeting of the corporation of Harvard University on December 28, it was voted to establish a separate faculty for the Bussey Institution. The vote was consented to by the board of overseers, and the new body at present includes the following members: W. M. Wheeler, Ph.D.; W. E. Castle, Ph.D.; R. T.

Fisher, A.B., M.F.; E. M. East, Ph.D.; C. T. Brues, S.M.; I. W. Bailey, A.B., M.F., and C. C. Little, S.D., of the Bussey Institution; G. H. Parker, S.D. and W. J. V. Osterhout, Ph.D., of the faculty of arts and sciences; and E. E. Tyzzer, A.M., M.D., of the medical school.

DR. C. E. BURKE, lately of the University of California, has been appointed instructor in the department of chemistry at the University of Vermont.

DR. HOWARD D. HASKINS, formerly associate professor of bio-chemistry in the school of medicine of Western Reserve University, has been appointed professor of bio-chemistry in the medical department of the University of Oregon.

DR. FREDERICK D. HEALD, of Philadelphia, has been appointed professor of plant pathology and pathologist, Washington State College and Experiment Station, Pullman, Washington.

DISCUSSION AND CORRESPONDENCE

BATESON'S ADDRESS, MENDELISM AND MUTATION

IN Bateson's thoughtful and stimulating address,¹ a recognized authority on evolution attempts to summarize for us recent progress in the study of that subject by analytical methods. It would be well for all engaged in some particular branch of this subject to attempt thus to lift the eyes from the scene of their individual labors and survey from time to time the entire field. An indispensable sense of proportion and perspective is thus gained. This is my excuse for commenting briefly on some of Bateson's fruitful ideas.

That evolution occurs all biologists agree. That the organisms now existing on this earth are different from those which formerly existed here no one questions. But we are still ignorant of how they came to be different. The geological record indicates that the change was gradual. The supposed ancestors of the horse,

¹ Bateson, W., Address of the President of the British Association for the Advancement of Science, *SCIENCE*, N. S., 40, pp. 287-302, August 28, 1914.